

Metal catalyst carrier or support body rolled or laminated from metal sheets and having a double or multiple corrugated or wave structure

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Abstract

A metal catalyst carrier or support body is rolled or laminated from two alternating layers of sheet metal of different structure, wherein the sheet-metal layer, at least in some areas relative to one another, have double or multiple-wave structure, in that one of the layers has a wave structure including at least two superimposed or alternating waves of different wavelength and/or amplitude and/or both layers have wave structures of different wavelength and/or amplitude, by means of which in both cases the number of contact points between the two layers is reduced and the elasticity of the resultant structure is increased, wherein none of the wavelengths is considerably smaller than the wavelength having the greatest amplitude.

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